

# Martin Klima

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6742119/publications.pdf>

Version: 2024-02-01

18  
papers

439  
citations

777949

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h-index

939365

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18  
all docs

18  
docs citations

18  
times ranked

603  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The mycobacterial <i>guaB1</i> gene encodes a guanosine 5'-monophosphate reductase with a cystathionine- $\beta$ -synthase domain. <i>FEBS Journal</i> , 2022, 289, 5571-5598.   | 2.2 | 2         |
| 2  | Localization of SARS-CoV-2 Capping Enzymes Revealed by an Antibody against the nsp10 Subunit. <i>Viruses</i> , 2021, 13, 1487.   | 1.5 | 12        |
| 3  | Structural basis for hijacking of the host ACBD3 protein by bovine and porcine enteroviruses and kobuviruses. <i>Archives of Virology</i> , 2020, 165, 355-366.  | 0.9 | 7         |
| 4  | Convergent evolution in the mechanisms of ACBD3 recruitment to picornavirus replication sites. <i>PLoS Pathogens</i> , 2019, 15, e1007962.   | 2.1 | 26        |
| 5  | Phosphatidylinositol 4-kinase III $\beta$ (PI4KB) forms highly flexible heterocomplexes that include ACBD3, 14-3-3, and Rab11 proteins. <i>Scientific Reports</i> , 2019, 9, 567.  | 1.6 | 17        |
| 6  | Kobuviral Non-structural 3A Proteins Act as Molecular Harnesses to Hijack the Host ACBD3 Protein. <i>Structure</i> , 2017, 25, 219-230.  | 1.6 | 40        |
| 7  | Metal ions-binding T4 lysozyme as an intramolecular protein purification tag compatible with X-ray crystallography. <i>Protein Science</i> , 2017, 26, 1116-1123.  | 3.1 | 7         |
| 8  | Rational Design of Novel Highly Potent and Selective Phosphatidylinositol 4-Kinase III $\beta$ (PI4KB) Inhibitors as Broad-Spectrum Antiviral Agents and Tools for Chemical Biology. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 100-118.  | 2.9 | 50        |
| 9  | Structural analysis of phosphatidylinositol 4-kinase III $\beta$ (PI4KB) - 14-3-3 protein complex reveals internal flexibility and explains 14-3-3 mediated protection from degradation in vitro. <i>Journal of Structural Biology</i> , 2017, 200, 36-44.   | 1.3 | 28        |
| 10 | Negative charge and membrane-tethered viral 3B cooperate to recruit viral RNA dependent RNA polymerase 3D pol. <i>Scientific Reports</i> , 2017, 7, 17309.   | 1.6 | 18        |
| 11 | Crystal structures of a yeast 14-3-3 protein from <i>Lachancea thermotolerans</i> in the unliganded form and bound to a human lipid kinase PI4KB-derived peptide reveal high evolutionary conservation. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 799-803.  | 0.4 | 12        |
| 12 | Structural insights and in vitro reconstitution of membrane targeting and activation of human PI4KB by the ACBD3 protein. <i>Scientific Reports</i> , 2016, 6, 23641.  | 1.6 | 81        |
| 13 | The high-resolution crystal structure of phosphatidylinositol 4-kinase III $\beta$ and the crystal structure of phosphatidylinositol 4-kinase III $\alpha$ containing a nucleoside analogue provide a structural basis for isoform-specific inhibitor design. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 1555-1563. | 2.5 | 21        |
| 14 | Norbornane-based nucleoside and nucleotide analogues locked in North conformation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 184-191.  | 1.4 | 16        |
| 15 | Inhibition of vacuolar ATPase attenuates the TRAIL-induced activation of caspase-8 and modulates the trafficking of TRAIL receptors. <i>FEBS Journal</i> , 2013, 280, 3436-3450.   | 2.2 | 19        |
| 16 | T-cell activation triggers death receptor-6 expression in a NF- $\kappa$ B and NF-AT dependent manner. <i>Molecular Immunology</i> , 2011, 48, 1439-1447.  | 1.0 | 32        |
| 17 | Functional analysis of the posttranslational modifications of the death receptor 6. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 1579-1587.  | 1.9 | 31        |
| 18 | Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 423-436.  | 2.2 | 20        |